

SYSTEM AND METHOD FOR PULVERIZING AND EXTRACTING MOISTURE

Related Applications

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[0001] This utility application claims priority to United States Patent Application Serial No. 09/792,061 filed February 26, 2001, and entitled Pulveriser and Method of Pulverising and is hereby incorporated by reference. *now U.S. PATENT NO. 6722594*

Technical Field

[0002] The present invention relates to techniques for processing materials to pulverize and extract moisture.

Background of the Invention

[0003] Numerous industries require the labor intensive task of reducing materials to smaller particles and even to a fine powder. For example, the utility industry requires coal to be reduced from nuggets to powder before being burned in power generation furnaces. Limestone, chalk and many other minerals must also, for most uses, be reduced to powder form. Breaking up solids and grinding it into powder is a mechanically demanding process. Ball mills, hammer mills, and other mechanical structures impact on, and crush, the pieces of material. These systems, although functional, are inefficient and relatively slow in processing.